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**D044-715-011**  
**Job Sheet 167420**



Part No: D044-715-011

Job Qty: 2 ea

Part Name: R44 Cargo Mirror



Part Weight: 0 lbs

Status: Scheduled

Priority: High

Job Created: 10/31/17

Job Tracking No:

Due Date: 11/6/17

Created By: Victoria Michaud-Febrille

Type: SOLD

Description:

Customer: PT Genesa Dirgantara (CPTGE01)

Komplek Puri Sentra Niaga Jl. Wiraloka Blok D 54 Kalimalang Jakarta, , 13620 Indonesia

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation          | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off |
|-------|--------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|----------|
|       |                    |       |            |          | Setup hrs | Run Hrs | Workcenter / Supplier | Lead Time |          |
| 90    | Start up Operation | 2 Ea  |            | 11/6/17  | 0.00      | 0.00    | Start Up Stores/Pkg1  |           |          |
| 110   | Packaging          | 2 pcs |            | 11/6/17  | 0.00      | 0.00    | Packaging1            |           |          |
| 120   | QC                 | 2 pcs |            | 11/6/17  | 0.00      | 0.00    | QC4                   |           |          |
| 125   | DC                 | 2 pcs |            | 11/6/17  | 0.00      | 0.00    | DC                    |           |          |
| 130   | Packaging          | 2 pcs |            | 11/6/17  | 0.00      | 0.00    | Packaging3            |           |          |
| 140   | QC21-FG            | 2 Ea  |            | 11/6/17  | 0.00      | 0.00    | QC21                  |           |          |

Part Op 125 - Photocopy bluefile & type labels per PPPD044-715-011 CHG003  
Descriptions: 130 - Identify and pack for shipping as per PPP D044-715-011 LOCATION: FG011

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### Job Allocations

| Operation             | Component Part                  | Required | Inventory | Allocated | Std Qty |
|-----------------------|---------------------------------|----------|-----------|-----------|---------|
| 90-Start up Operation | ✓ ALS4-1032-130 5008047         | 8        | 10,960    | 0         | 0       |
|                       | ✓ AN3-4A 5008043                | 8        | 292       | 0         | 0       |
|                       | ✓ AN526C1032R10 5008042         | 8        | 68        | 0         | 0       |
|                       | 5010360x2 ✓ D1048 415985572     | 4-2      | 23        | 0         | 0       |
|                       | ✓ D1049 5010359                 | 4        | 20        | 0         | 0       |
|                       | ✓ D2010-104 5008036             | 2        | 5         | 0         | 0       |
|                       | ✓ D2011-101 5008035             | 2        | 60        | 0         | 0       |
|                       | ✓ D3243-041 4165224             | 2        | 6         | 0         | 0       |
|                       | 5010363 ✓ NAS1149D0332J 5008033 | 8        | 2,200     | 0         | 0       |

### Part Specifications

Specifications could not be found.

**DART**  
AEROSPACE

**S010361**



**R44 Cargo Mirror**

**PART NO:**  
**Revision:**  
**Operation:**  
**Change No:**

**D044-715-011**

**Start up Operation**

**Mfg Date: 11/15/17**  
**Job No: 167420**

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## 2. GENERAL NOTES

### COMPATIBILITY

Compatibility of this installation with the aircraft is the **responsibility of the installer**. Ensure that this installation does not conflict with a previous modification.

### CONTINUING AIRWORTHINESS

This installation should be maintained in accordance with the Instructions for Continued Airworthiness ICA-D044-715.

## 3. INSTALLATION INSTRUCTIONS

To install the Dart Cargo Mirror Installation on the R44 skidtube:

1. Locate the D3243-041 Bracket with approximately 0.38" (10mm) space between the top of the skidtube and the bracket, as shown in Figure 2. Transfer drill the 4 holes from the bracket to the centerline of skidtube and enlarge to 10/64" (Ø0.297"). Deburr holes and wet install ALS7-1032-130 inserts using MIL-P-85582 or MIL-P-23377 primer.
2. Install the D3243-041 Bracket on the skidtube using the AN3 hardware. The bolts should be sealed with Sikaflex-241/-291 or Proseal 890 or MIL-S-8802 Class 'B2' sealant before installing as per Figure 2.
3. Install remaining hardware per Figure 2 as required. Adjust the angle of the D2010-104 Arm and tighten the AN526C1032R10 screws to secure arm.
4. To adjust the mirror: loosen (DO NOT REMOVE) the three adjustment screws shown in Figure 2, reposition the mirror, then tighten the screws.

## 4. WEIGHT AND BALANCE

| Installation                              | Weight            | LATERAL           |                         | LONGITUDINAL      |                         |
|-------------------------------------------|-------------------|-------------------|-------------------------|-------------------|-------------------------|
|                                           |                   | Arm               | Moment                  | Arm               | Moment                  |
| D044-715-011<br>Cargo Mirror Installation | 1.3 lb<br>0.59 kg | 41.7 in<br>1.06 m | 54.2 lb-kG<br>0.63 m-kG | 32.0 in<br>0.81 m | 41.6 in-lb<br>0.48 m-kG |

## 5. PARTS LIST

| Qty      | Part Number         | Description                                             |
|----------|---------------------|---------------------------------------------------------|
| <b>X</b> | <b>D044-715-011</b> | <b>CARGO MIRROR INSTALLATION</b>                        |
| 2        | D1048               | Clamp                                                   |
| 2        | D1049               | Saddle                                                  |
| 1        | D2010-104           | Arm                                                     |
| 1        | D2011-101           | Mirror                                                  |
| 1        | *D3014-1            | Locknut                                                 |
| 1        | D3243-041           | Bracket                                                 |
| 4        | ALS7-1032-130       | Insert (or AKS7-1032-130, AKS4-1032-130, ALS4-1032-130) |
| 4        | AN3-4A              | Bolt                                                    |
| 4        | AN526C1032R10       | Screw (or AN526-1032R10)                                |
| 4        | AN960JD10L          | Washers                                                 |
| 1        | *AN960JD416L        | Washer                                                  |

\* PARTS ARE INCLUDED WITH D2011-101 MIRROR